

Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

20 February 2003

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

Last bulletin: February 13, 2003

Analysis SW Florida

K. brevis bloom still lingers around Marco Island. Area of Marco Island to south of Cape Romano is flagged in imagery. The state reported medium to high levels of *K. brevis* on February 10, from Caxambas Pass to 5 nautical miles southwest.

Bloom at Sanibel has dissipated.

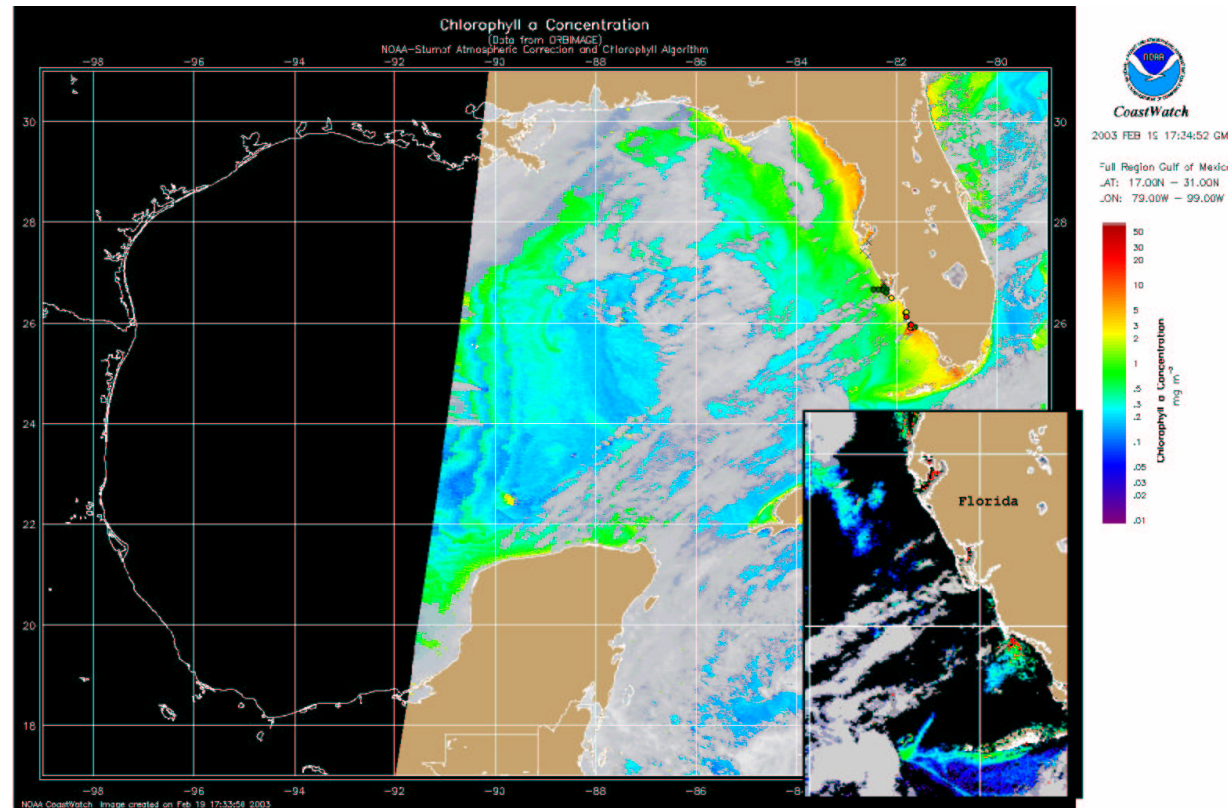
Florida Keys:

The state measured low to medium levels of *Karenia brevis* and other *Karenia* species approximately 10 miles north of Big Pine Key on February 12. This probably represents a small patch and was not apparent in the imagery.

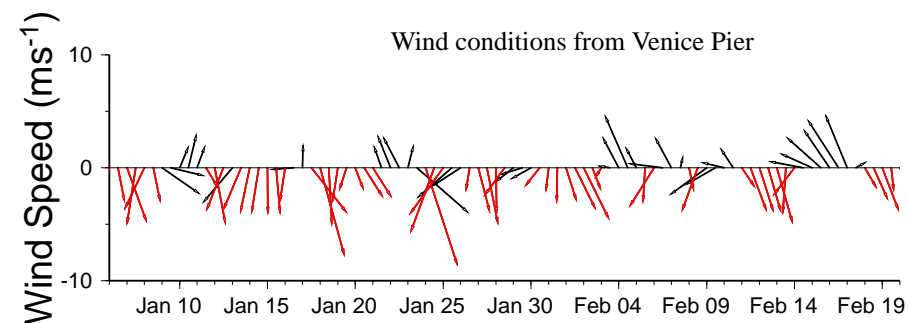
-Tomlinson

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Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from February 11, 2003 shown as red squares (high), red triangles (medium), red circles (low), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).



Wind speed and direction are averaged over 12 hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast.

Northeasterly winds are predicted through Thursday. Southerly to southwesterly winds predicted from Friday to Saturday could produce onshore movement of aerosols.

